

	10	20	30	40	50	60				
1	HHNGTNGTMMQYFEWYLPNDGNHWNRLRDDAANLKSKGITAVWIPPAWKGTSQNDVGYGA						60			
3	-AAPFNGTMMQYFEWYLPDDGTLWTKVANEANNLSSLGITALWLPPAYKGTSRSVDVGYGV						59			
2	HHNGTNGTMMQYFEWYLPNDGNHWNRLRDDASNLRNRRGITAIWIPPAWKGTSQNDVGYGA						60			
4	HHNGTNGTMMQYFEWYLPNDGNHWNRLNSDASNLKSKGITAVWIPPAWKGASQNDVGYGA						60			
	70	80	90	100	110	120				
1	YDLYDLGEFNQKGTVRTKYGTRNQLQAAVTSLKNNQIQVYGDVVMNHKGGA	DGTEIVNAV					120			
3	YDLYDLGEFNQKGTVRTKYGTKAQYLQAIQAAHAGMQVYADVVFHDKGGA	DGTEWVDAV					119			
2	YDLYDLGEFNQKGTVRTKYGTRSQLAESAIHALKNNQVYGDVVMNHKGGA	DATENVLAV					120			
4	YDLYDLGEFNQKGTVRTKYGTRSQLQAAVTSLKNNQIQVYGDVVMNHKGGA	DATEMVRAV					120			
	130	140	150	160	170	180				
1	EVNRSNRNQETSGEYAI	EAWTKFD	FPGRGNHSSFKWRYHF	DGTWDQSRLQNKIYKF			180			
3	EVNPSDRNQEI	SGTYQI	QAWTKFD	FGRGNTYSSFKWRYHF	DGVWDERSKLS-RIYKF		178			
2	EVNPNNRNQEI	SGDYTIE	EAWTKFD	FPGRGN	TYSDFKWRWYHF	DGVWDQSRLQFNRIYKF	180			
4	EVNPNNRNQEV	GTGEY	TIEAWTRFDFPGRGN	THSSFKWRYHF	DGVWDQSRLNNRIYKF		180			
	190	200	210	220	230	240				
1	RGTGKAWDWEVDT	ENGNYDYL	MYADVDM	DHPEV	VIHEL	RNNGVWYTNTLNLDGFRIDAVKH	240			
3	RGIGKAWDWEVDT	ENGNYDYL	MYADLDMDH	PEV	VTELKNWGK	WVYNTTNIDGFRIDAVKH	238			
2	RGDGKAWDWEVD	SENGNYDYL	MYADVDM	DHPEV	VNLRRGEWY	YNTLNLDGFRIDAVKH	240			
4	RGHGKAWDWEVDT	ENGNYDYL	MYADTDM	DHPEV	VNELRNNGV	WYTNTLGLDGRIDAVKH	240			
	250	260	270	280	290	300				
1	IKYSFTRDWLTHVRN	TTGKPM	FAVAE	FWKNDL	GAIEN	YLNKTSWNHSAFDVPLHYNLYNA	300			
3	IKFSFPDWL	SYVR	SQTKPL	FTVGEY	WYDINKL	HNYITKTDGTMSLFDAPLHNKFYTA	298			
2	IKYSFTRDWLTHVRN	ATGKEM	FAVAE	FWKNDL	GAIEN	YLNKTSWNHSAFDVPLHYNLYNA	300			
4	IKYSFTRDWL	INHVR	SATGKNM	FAVAE	FWKNDL	GAIEN	YLNQKTNWNHSAFDVPLHYNLYNA	300		
	310	320	330	340	350	360				
1	SNSGGYYDMRN	ILNGSV	VQKHP	THAVTF	VDNHDSQPG	GEALESFVQQWFKPLAYALVLTRI	360			
3	SKSGGAFDMR	TLMTN	LMKDQ	PTLAVTF	VDNHDT	EPGQALQSWVDPWF	KPLAYAFILTRQ	358		
2	SNSGGNYDMAK	LLNGTV	VQKHP	MAHTVTF	VDNHDSQPG	GESLESFVQEWFKPLAYALILTRE	360			
4	SKSGGNYDMRN	IFNGTV	VQRHP	SHAVTF	VDNHDSQPE	EALESFVEEWFKPLAYALTLTR	360			
	370	380	390	400	410	420				
1	QGYP	SFVYGD	YYGIP	THGV	PAMKSKID	PLLQARQTFA	YGTQHDYFDHHDIIGWTREGNS	420		
3	EGYPCV	FYGD	YYGIP	QYNIP	SLKSKID	PLIARRD	YGTQHDYLDHSDIIGWTREGGTE	418		
2	QGYP	SFVYGD	YYGIP	THSVP	AMKAKID	PILEARNF	YGTQHDYFDHHNIIGWTREGNTT	420		
4	QGYP	SFVYGD	YYGIP	THGV	PAMRSKID	PILEARNQ	YGTQHDYFDHHNIIGWTREGNTA	420		
	430	440	450	460	470	480				
1	HPNSGLATIMSDG	PGGNK	WV	GK	KAGQVWRDITG	NRTGTVTINA	DGWGNFSVNGGSVS	480		
3	KPGSGLA	ALI	T	DGPGGS	KWV	YVGKQHAGK	VYDLTG	NRSDTVTINS	DGWGEFKVNGGSVS	478
2	HPNSGLATIMSDG	PGGK	KWV	YVGQ	WHDITG	NKPGTVTINA	DGWANFSVNGGSVS	480		
4	HPNSGLATIMSDG	AGGS	KWV	FVGR	NRKAGQVW	SDITG	NRTGTVTINA	DGWGNFSVNGGSVS	480	
	490	500	510	520	530	540				
1	VWVKQ						485			
3	VWVPRKTTV	STIARP	ITR	PWTGE	VWRTE	PRLVAW	514			
2	IWVKR						485			
4	IWVNK						485			

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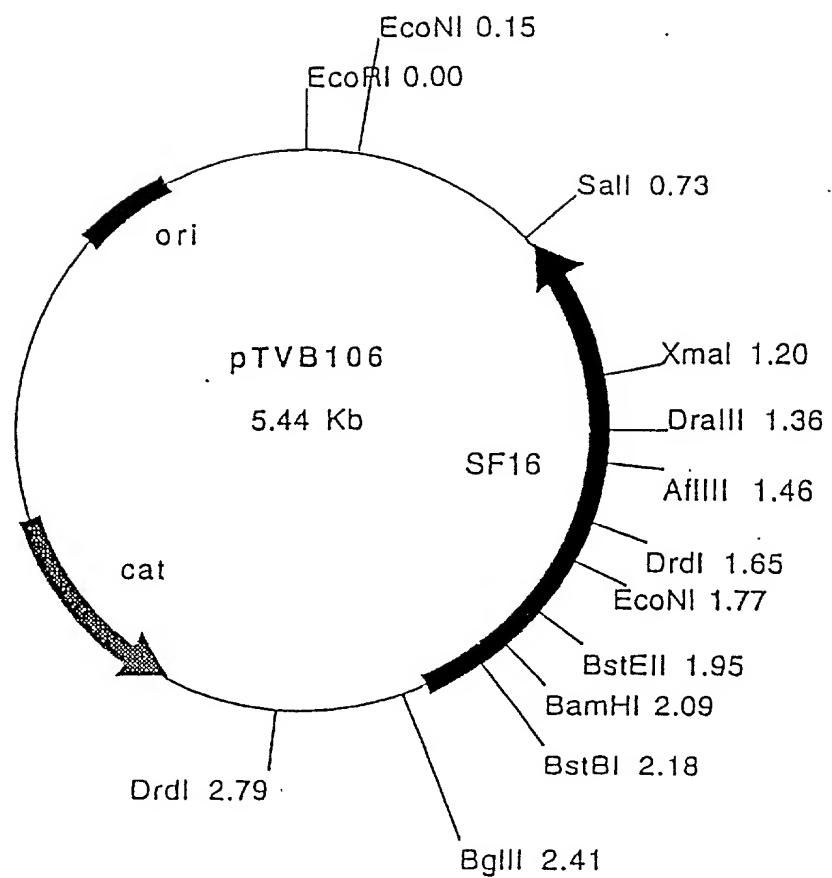


Fig. 2

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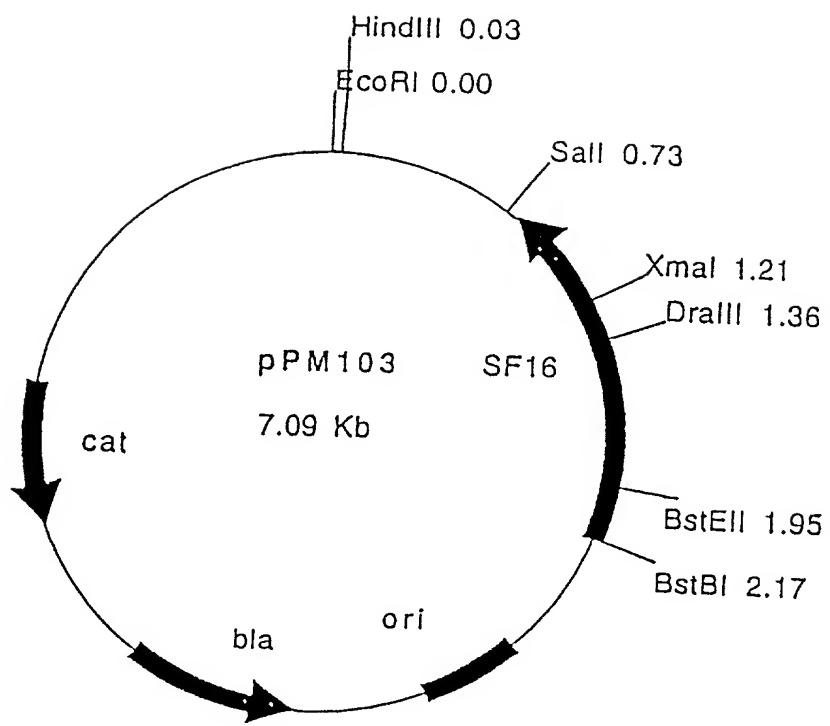


Fig. 3

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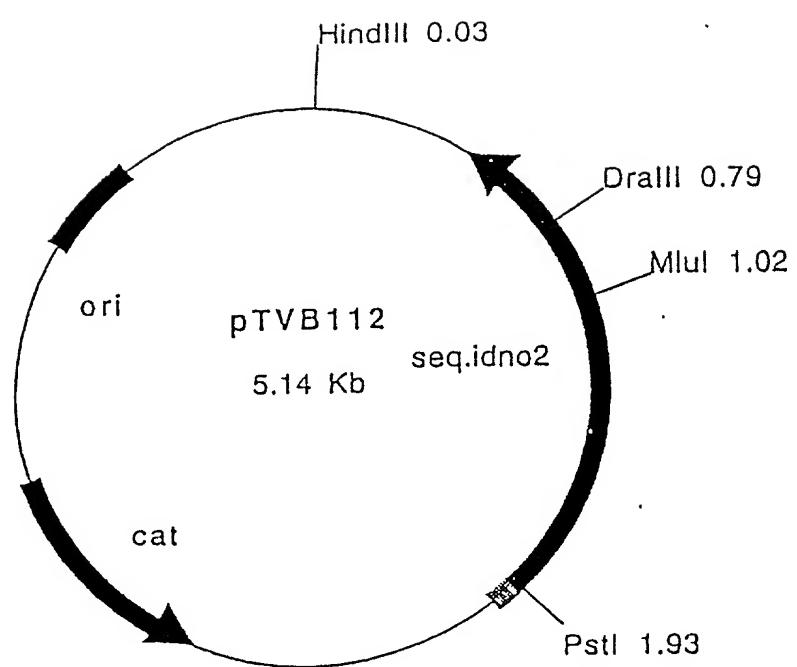


Fig. 4

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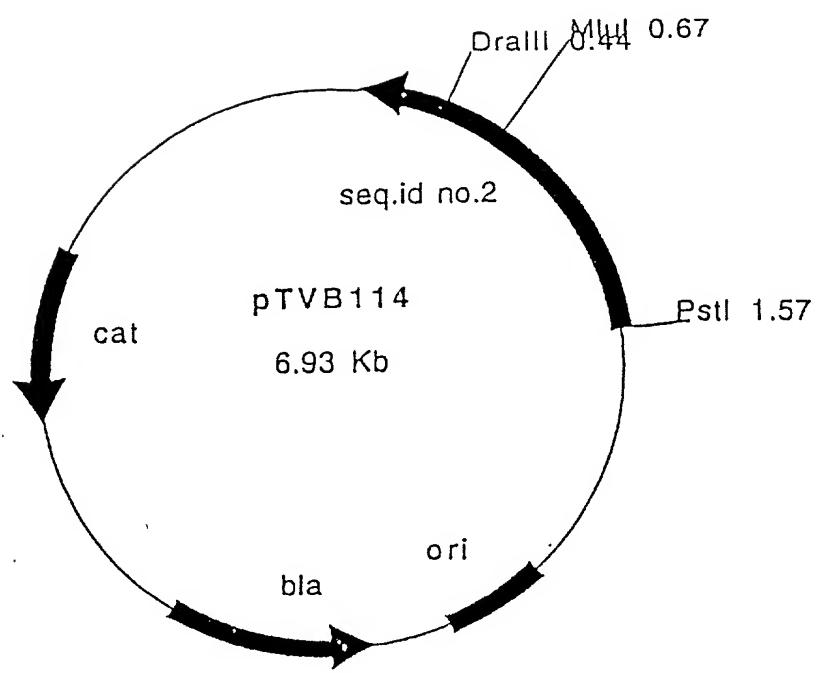


Fig. 5